

KLANIN, I. N. and SOKOL'SKII, K. I.

Novye konstruktii diskovykh rezatsov i frezernykh golovok dlia skorostnogo rezaniia metallov. (Vestn. Mash., 1951, no. 5, p. 45-47)

New designs of cutting disks and milling heads for high-speed metal cutting.

DLC: TM,VL

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

*KLANIN, I.N.*

GITLENVICH, A.D.; ZHMAKIN, D.F.; KLANIN, I.N., YAROVINSKIY, I.M., laureat  
Stalinskoy premii, retsentsent; KHISIN, R.I., redaktor; MATVINEVA,  
Ye.N., tekhnicheskiy redaktor; POPOVA, S.M., tekhnicheskiy redaktor

[Technical standardisation of arc welding processes in machinery  
construction] Tekhnicheskoe normirovaniye protsessov dugovoi elektro-  
svarki v mashinostroyeni. Pod. red. R.I.Khisina. Moskva, Gos. nauchno-  
tekhn. izd-vo mashinostroyeni, lit-ry, 1954. 212 p. (MLRA 8:3)  
(Electric welding)

137-58-6-12654

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 211 (USSR)

AUTHORS: Zhmakin, D., Klanin, I., Postnikov, A.

TITLE: A Method of Establishing Firm Time Standards for Welding and Casting Operations (Metodika sozdaniya ukreplennykh normativov na svarochnyye i liteynyye raboty)

PERIODICAL: Sotrud, 1957, Nr 8, pp 88-92

ABSTRACT: Methodological instructions prepared by the heavy-machinery VPTI for establishment of time standards based on motion study for welding and casting operations are presented. Consolidated time standards (TS) for welding jobs are developed on the basis of specific quotas for the component operations. Depending upon the degree of consolidation, the standards may fall into three categories: 1. TS for the complex of operations and change-overs performed by the welder. An example is given of the compilation of a TS for the complex of operations involving non-operative time in setting up an automatic welder at the start of a seam and shutting it off after the weld is made. 2. TS for actual working time only in welding one running meter of weld. All the elements of the unit-of-production time quota

Card 1/2

137-58-6-12654

**A Method of Establishing Firm Time Standards for Welding (cont.)**

are classified into two groups in accordance with the length of the weld and in accordance with the product and the operation of the equipment. 3. Standard quotas for "per-piece" time, developed on the basis of the standard production processes and time standards for component operations. Time quotas for casting operations are set on the basis of analysis and systematization of the results of stop-watch studies of the individual elements in the production process.

N.G.

1. Welding--Standards
2. Foundries--Standards
3. Labor--Performance
4. Industrial production--Standards

Card 2/2

KHARAKER, O.M., insh.; KLANIN, I.N., insh.

New trends in establishing norms for auxiliary time. Mashinostroitel'  
no.10:32-35 O '59. (MIRA 13:2)  
(Time study)

KLANIN, L.

Method for establishing auxiliary time work norms. Sots. trud. no.8:  
85-91 Ag '58. (MIRA 11:9)  
(Production standards)

KLAVINS, V. Ya.

KLAVINS, V. Ya. -- "The Geographical Regions of the Basin of the River Salatsa." Latvian State U, Geographical Faculty. Riga 1956.  
(Dissertation for the Degree of Candidate in Geographical Science.)

SO: Knizhnaya Letopis', No 9, 1956

*KLANJSCEK, DALIBOR*

YUGOSLAVIA/Chemical Technology. Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor and Rocket Fuels. Lubricants.

H-23

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15727

Author : Klanjscek Dalibor

Inst :

Title : Laboratory Determinations of PVT-Relation and Viscosity of Yugoslav Petroleum.

Orig Pub: Nafta (Jugosl.), 1956, 7, No 12, 363-367.

Abstract: Description of the method and equipment for laboratory determination of PVT-relation of petroleum, as well as results of these determinations and of measurements of viscosity of samples of Dubinsk petroleum.

Card : 1/1

KLANJSCEK, Dalibor, ins.

OKI, industry of organic chemistry, a new manufacturer of plastics. Kemija  
u industriji 11 no.3:121-124 '62

KLANJSCEK, Gojmir

The value of tomography and other methods of x-ray diagnosis in cancer of the lungs. Zdrav. vest., Ljubljana 24 no.9-10:313-327 1955.

1. Onkološki inštitut medicinske visokole v Ljubljani-  
predstojnik Prof. dr. Leo Savnik.

(LUNGS, neoplasms

diag., x-ray diag. & tomography, value (81))

DIVAKOV, N.V.; YAKOVLEV, N.A.; KLANNIKOV, V.M., red.; KOPTEVSKIY, D.Ya.,  
red.isd-ya; YEZHOVA, L.L., tekhn. red.

[Theory of motor vehicles] Teoriia avtomobilia. Moskva,  
Vysshiaia shkola, 1962. 298 p. (MIRA 16:4)  
(Motor vehicles)

LUKAN, J.; KLANOVA, H.

The cold test as a diagnostic aid in allergic diseases of the respiratory tract. Cesk. otolar. 10 no.6:333-335 D '61.

1. Klinika pre choroby nase, nosne a krone Lekarskej fakulty university P. J. Safarika v Kosiciach, prednosta prof. MUDr. M. Suster Klinika pre choroby vnutorne Lekarskej fakulty university P. J. Safarika v Kosiciach, prednosta doc. MUDr. P. Por.

(ASTHMA diagnosis) (HAY FEVER diagnosis)  
(NASAL POLYPS diagnosis) (COLD)

KLADOVETS, N.S.

My experience with a range-finder cap. Good. 1 kart. no. 1:65-66 Nr 56.  
(Theodolites) (NIRA 9:10)

LEKAREV, L.O.; KLIANTSA, P.A.; NYUKHOV, F.S.; BRESLER, B.S.; VOLOVODOVSKIY,  
Ye.M.; NUTAL'S, M.P.

Hospital care requirements of the rural population and methods for  
its determination. Sov. zdav. 16 no.2:30-38 P '57

(MLRA 10:4)

1. Is kafedry organizatsii zdavookhraneniya i istorii meditsiny  
(sav.-prof. L.O. Lekarev) Vinnitskogo meditsinskogo .  
instituta (dir.-dotsent S.I. Korkhov)

(RURAL CONDITIONS

dispensary care requirements of rural population in Russia  
methods for determ.)

(OUTPATIENT SERVICES

same)

AL'TSHULER, Z.Ye., insh.; BASTUNSKIY, M.A., insh.; BAKSTEL', V.M., insh.;  
 BIRNBERG, I.B., insh.; BOGOPOLSKIY, B.Kh., insh.; BUKHARIN, S.I.,  
 insh.; GERSHTEYN, B.G., insh.; GRINSHPUN, L.V., insh.; DRYNER, G.I.,  
 insh.; DIMERSHTYN, A.G., insh.; ZLATOPOL'SKIY, D.S., insh.; KLANYUK,  
 A.Y., insh.; KOZIN, Yu.V., insh.; LEVITIN, I.P., insh.; MEL'NIKOV,  
 L.P., insh.; MEL'KUMOV, L.G., insh.; NADEL', M.B., insh.; PAVLOV,  
 M.A., insh.; PASLUN, D.A., insh.; PESIN, B.Ya., insh.; PYATKOVSKIY,  
 P.I., insh.; RAZNOSCHIKOV, D.V., insh.; ROZENOYER, O.Ya., insh.;  
 ROZENBERG, R.L., insh.; ROYENBERG, M.L., insh.; RYABINSKIY, Ya.I.,  
 insh.; SYPOHNIKO, I.I., insh.; TABACHNIKOV, L.D., insh.; FEL'DMAN,  
 M.S., insh.; SHERAKHMAN, O.Ya., insh.; SHTERNMAN, M.S., insh.;  
 LEVITIN, I.P., otvetstvennyy red.; STEL'MAKH, A.N., red.isd-vs;  
 BAKKER, O.G., tekhn.red.

[Overall mechanization and automatization of production processes in  
 the coal industry] Kompleksnaya mekhanizatsiya i avtomatizatsiya  
 proizvodstvennykh protsessov v ugol'noi promyshlennosti. Pod red.  
 I.U.V.Kosina i dr. Moskva, Ugletekhizdat, 1957. 82 p. (MIRA 11:3)

1. Gosudarstvennyy proyektno-konstruktorskiy institut. 2. Institut  
 Oiprougleavtomatizatsiya i Tekhnicheskogo Upravleniya Ministerstva  
 ugol'noy promyshlennosti (for all except: Levitin, Stel'makh,  
 Bekker)

(Automatic control) (Coal mining machinery)

*KLAPA, Mieczyslaw*

POLAND

KLAPA, Mieczyslaw

Hala Gasienicowa Field Station, Geographic Institute of  
the Polish Academy of Sciences (Stacja Badawcza IG  
PAN /Instytut Geograficzny Polskiej Akademii Nauk/)

Warsaw, Przegląd Geograficzny, No 2, 1963, pp 221-36.

"Report on Research Work Carried Out at the Geographical  
Institute Field Station in the Tatra Mountains (Hala  
Gasienicowa), 1960-61".

KIAPAC, A.

"Experience with the Skoda car in Caracas." p. 317.

SVET MOTORU. (Svas pro spolupraci s armadou). Praha, Czechoslovakia,  
Vol. 9, No. 10, May 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959.  
Uncla.

GROH, Jindrich; Technicka spoluprace KLAPAC, Petr; PELIKANOVA, Vlasta

GOT/GPT relations in the differential diagnosis of fresh myocardial infarct. Cas. Lek. Cesk. 101 no.5:153-156 2 F '62.

1. I interni klinika lekarske fakulty KU v Hradci Kralove, prednosta prof. DrSc. MUDr. Jan Rehor.

(MYOCARDIAL INFARCT diagn) (TRANSAMINASES blood)

KLAPAL M.

Country : Czechoslovakia  
 Category : CULTIVATED PLANTS.COMMERCIAL.Oleiferous. Sugar-  
 Bearing.  
 Abs. Jour. : REF ZHUR-BIOL.,21,1958,NO.96092  
 Author : Klapal, M.  
 Institut. : --  
 Title : The Effect of Side-Dressing on the Quantity and  
 Quality of Hops  
 Orig. Pub. : Chmelarstvi, 1957, 30, No.6, 84-85  
 Abstract : Side-dressing  $\text{Ca}(\text{NO}_3)_2$  in a dose of 100 kg/ha. be-  
 fore the hop flowers had opened substantially  
 boosted the yield of strobiles and was well worth-  
 while. A significant yield increase was not noted  
 at a 200 kg/ha. dose, and the hops took on a poor  
 quality, since some of its glumes grew into leaves.  
 --G.N. Miroshnichanko

Card: 1/1

123

1. Klapaukh, I.L.
2. USSR (600)
4. ASSEMBLY LINE METHODS; *Industrial Efficiency*
7. Operational efficiency and the productivity of automatic lines. Stan. i instr.  
 23 no. 12, 1952.

9. Monthly List of Russian Accessions. Library of Congress, March 1953 Unclassified

*KLAPCHUK, I.D.*  
**VINTER, A.V.**, akademik; **KUKUSHKIN, I.M.**, inshener; **TRAPEZNIKOV, V.A.**;  
**NIKOLAYEV, A.T.**, inshener (Murontsevo, Vladimirovskoy obl.); **KUDELIN,**  
**Ya.M.** (Murontsevo, Vladimirovskoy obl.); **PETROV, I.I.**, dotsent, kandidat  
 tekhnicheskikh nauk (Moscow); **BADALYANTS, M.O.**, inshener; **BELICHENKO,**  
**O.M.**, inshener; **KLAPCHUK, I.D.**, inshener; **FRANTSUZOV, Ye.M.**, inshener;  
**TAREYEV, B.M.**, professor, doktor tekhnicheskikh nauk; **MAGIDSON, A.O.**,  
 inshener.

Improving the knowledge of power engineers through correspondence  
 courses. Remarks on B.M.Tareyev's and A.O.Magidson's article. Elek-  
 trichestvo no.3:76-80 Mr '54. (MIRA 7:4)

1. Energeticheskiy institut im. Krshishanovskogo Akademii nauk SSSR  
 (for Vinter). 2. Glavnyy energetik Gor'kovskogo avtomobil'nogo  
 zavoda im. Molotova (for Kukushkin). 3. Institut avtomatiki i tele-  
 mekhaniki Akademii nauk SSSR (for Trapeznikov). 4. Shlen-korrespon-  
 dent Akademii nauk SSSR (for Trapeznikov). 5. Leninakanges (for Bada-  
 lyants). 6. Dnepropetrovskiy institut inshenerov transporta (for Be-  
 lichenko). 7. Kurakhovskaya gres (for Klapchuk). 8. Orekhovo-Zuye-  
 skaya tets (for Frantsuzov). 9. Vsesoyuznyy zaochnyy energeticheskiy  
 institut (for Tareyev and Magidson).

KLAPCHUK, L.D., inzhener.

Operation of the protection of electric motors for internal use  
during overloads, Elek.sta. 25 No.3129-31 Nr '54. (MLRA 7:6)  
(Electric motors, Induction)

KLAPCHUK, L.D., inshener; NIKOLAYEV, M.S., inshener; SEMYAGIN, Y.O., inshener;  
BRILEV, A.S., inshener.

Switchboard sets of the "Elektroshchit" plant. Elek.sta. 24 no.5:56 My '53.  
(MLRA 6:7)  
(Electric switchgear)

KLAPCHUK, L.D., inzhener.

Protecting turbines against axial displacement of the rotor. Elek.sta.  
25 no.5:16-18 My 1954, (MLA 7:6)  
(Steam turbines)

Klapchuk, L. D.

Subject : USSR/Power AID P - 4039  
Card 1/1 Pub. 26 - 28/31  
Author : Klapchuk, L. D., Eng.  
Title : ~~On operating a pre-assembled switch gear and control equipment.~~  
Periodical : ~~Elek. sta.~~<sup>76</sup> 11, 60, N 1955  
Abstract : The mounting and operation of pre-assembled switch gear equipment is discussed. Some defects encountered are reported. Certain suggestions for improvement are made.  
Institution : None  
Submitted : No date

*KLAPCHUK, L.D.*

BUKIN, G.I., insh.; KLAPCHUK, L.D., insh.; LIPIN, A.I., insh.

Automatic control of the waterside pumping station of a state  
regional electric power station. Elek.sta. 29 no.1:82-85 Ja '58.  
(MIRA 11:2)

(Automatic control) (Pumping stations)

KLAPCHUK, L.D., inzh.

New method for controlling electric currents in the bearings of  
turbogenerators. Elek.sta. 31 no.6:78-79 Je '60. (MIRA 13:7)  
(Turbogenerators)

KLAFCINSKI, J.

"The Triassic northeast of the swell of the Sudeten foothills." p. 361

Polskie Towarzystwo Geologiczne. RUCZNIK. Krakow, Poland. Vol. 28, no. 3, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 6, June 1959

Uncl.

KLAPCINSKI, Jerzy

Palaeography of the Zechstein of the Pre-Sudetic Monocline. Rozs  
geol Krakow 34 no.4:551-577 '64.

1. Department of Stratigraphic Geology of the Wroclaw University.

KLAPCINSKI, Jerzy

Zechstein stratigraphy of the areas of Lubin, Sieroszowice, and Wachow; the Fore-Sudetic monocline. Roczn geol Krakow 34 no.1/2: 65-93 '64.

1. Department of Stratigraphic Geology, University, Wroclaw.

KLAPCINSKI, Jerzy

The boundary between Zechstein and Bunter in the foremost part of the Sudetic monocline. Kwartalnik geol 3 no.3:737-742 '59. (EAI 9:7)

1. Katedra Geologii Stratygraficznej Uniwersytetu Wrocławskiego  
(Poland--Geology) (Germany, Eastern--Geology)  
(Sudeten)

KLAPETEK, F.

"Experimental solution of stresses below the generally curved foundations of hydraulic structures based on an elastic ground." p. 172.

VODOHOSPODARSKY CASOPIS. (Slovenska akademia vied). Bratislava, Czechoslovakia, Vol. 7, No. 2, 1959.

Monthly list of East European Accessions (MEAL), LC, Vol. 8, No. 8, August 1959.  
Unola.

Z/032/60/010/04/007/035

2073/E335

AUTHOR: Klapetek, F., Candidate of Technical Sciences, Engineer  
TITLE: Determination of the Stress Conditions in Rotating Solid Discs

PERIODICAL: Strojirenství, 1960, Vol 10, Nr 4, pp 268 - 272

ABSTRACT: The author deals with determining the stress conditions in a rotating disc which is essentially in the elastic state. The calculations are substantially simplified by using difference equations instead of differential equations. The effect of temperature is taken into consideration and it is assumed that a temperature can be expressed as a square function of the radius. The suggested method is particularly suitable for calculating stress conditions of rotating discs when the meridian is given in general terms only and accurate solution by other methods is either extremely difficult or impossible. It is stated that the here described numerical method of calculation of rotating discs has the following advantages: it gives sufficiently accurate results with a very small number of numerical operations; the method is clearly understood

Card1/3

2/032/60/010/04/007/035

2073/2335

Determination of the Stress Conditions in Rotating Solid Discs

ASSOCIATION: Výskumný ústav stavebníctva, Bratislava  
(Building Research Institute, Bratislava)



Card 3/3

KAPTEK, Bratislava, ins., G.So.

Calculation of elongated charges for large borehole blasting.  
Rudy 11 no.4:117-120 Ap '63.

1. Vyhodnoty ustav stavebnictva, Bratislava, pracoviste Brno.

GERMAK, Z., ins.; KLAPETER, F., ins., CSc.; NEHAMMER, R.

Device for measurement of pressures of loose materials and liquids. Automatizace 6 no.12:314 D '63.

KLAPÁTEK, J.

KLAPÁTEK, J., MUDr

New aspects of therapy of alcoholism with tetraethylthiuramdisulfide  
(stopethyl, antabuse). Prakt. lek., Praha 34 no.7:153-155 5 Apr 54.

1. Z neurologické kliniky lékařské fakulty P.U. v Olomouci,  
Prednosta prof. MUDr. J. Krtek.

(ALCOHOLISM, therapy

\*disulfiram)

(DISULFIRAN, therapeutic use

\*alcoholism)

KLAPETEK, J.

ZEMANKOVA-KUNCOVA, H.; KLAPETEK, J.; JELINEK, J. "Toxicity of tetraethylthiuramdisulfide,"  
p. 256. (Časopis Lékařů Československa vol. 93, no. 9, Feb. 1954. Praha)

SO: Monthly List of East European Accessions, vol. 3, no. 6, Library of Cong., June 1954,  
Uncl.

**KLAPETEK, J.**

Electroencephalography in brain abscess. Rozhl. chir. 35 no.11:  
644-652 Oct 56.

1. 2 neurologické kliniky lékařské fakulty PU v Olomouci  
Prednosta: prof. MUDr. J. Hrbek.

(BRAIN, abscess

WHO manifest. (Cs))

(ELECTROENCEPHALOGRAPHY, in various dis.  
brain abscess (Cs))

**EXCERPTA MEDICA Sec 8 Vol 12/8 Neurology Aug 59**

**3671. ELECTROENCEPHALOGRAPHY OF BRAIN TUMOURS - Elektroencefalografie u mozkovych nádorů - Klápětek J., Neurol. Klin. Lék. Fak. Palackého Univ., Olomouc - ACTA UNIV. PALACK. OLOMUCENSIS 1957, 13 (45-62) Graphs 11 illus. 2**

This is a survey of EEG findings in intracranial expansive lesions. In temporal lobe tumours the importance of the use of unipolar leads is emphasized. As to the pathological substrate of the expansive lesions, there are no typical EEG changes whatsoever. Leány - Prague (VIII, 3, 16)

**EXCERPTA MEDICA Sec 8 Vol 12/8 Neurology Aug 59**

**3764. A CONTRIBUTION TO THE EEG STUDIES OF POISONING WITH CARBON MONOXIDE - Příspěvek k elektroencefalografickému sledování otravy kyslíkem uhelnatým - Kladský J., Neurol. Klin., Lék. Fak., Palacký Univ., Olomouc - ACTA UNIV. PALACK. OLOMUCENSIS 1957. 13 (63-66) Graphs 4**  
 Description of a case of carbon monoxide poisoning with typical neurological features. The EEG was repeated 4 times during the course of the disease. The abnormalities were seen only in the unipolar leads, where 6 c.p.s. waves were observed in the frontal, central and parietal regions. These waves were observed more on the right. In the last EEG the abnormalities receded, although the patient still showed severe psychiatric symptoms. Leaf - Prague (VII, 6, 17°)

KIAPETEK, J.

Procaine injections in the treatment of depressive conditions. Cesk.  
psychiat. 54 no.5:338-339 Oct 58.

(PSYCHOSIS, MANIC DEPRESSIVE, ther.

procaine (Cs))

(PROCAINE, ther. use

depressive psychoses (Cs))

STEIDL, L.; SVEC, V.; Klapetek, J.

A rare case of tumor of the temporal lobe with symptoms of intrasellar expansive process (neuro-ophthalmological study). Cesk. ofth. 17 no.4/5:252-259 JI '61.

1. Neurologická klinika PU v Olomouci, přednosta prof. MUDr. J. Hrbek  
Oční klinika PU v Olomouci, přednosta prof. MUDr. V. Vejčovsky.

(BRAIN NEOPLASMS case reports)  
(TEMPORAL LOBE neoplasms)  
(GLIOBLASTOMA MULTIFORME case reports)  
(SELLA TURCICA neoplasms)  
(EYE pathology)

3

CZECHOSLOVAKIA

KLAPETEK, J., MD; ZAPLETAL, Z., MD; FLEISCH, Z., MD.

1. Neurological Clinic of the Medical Faculty of Purkyne University (Neurologická klinika lékařské fakulty PU), Olomouc; 2. Neurosurgical Ward of the Medical Faculty of Purkyne University (Neurochirurgické oddělení lékařské fakulty PU), Olomouc

Prague, Praktický lékař, No 12, 1963, pp 449-453

"Resection of Temporal Lobe Chin in Patients with So-called Temporal Epilepsy."

KLAPETEK, J (MD.)

CZECHOSLOVAKIA

KLAPETEK, J., MD.

Neurological Clinic of the Medical Faculty of Palacky  
University (Neurologická klinika lékařské fakulty  
Palackého university), Olomouc

Prague, Praktický lékař, No 13-14, 1963, pp 535-541

"Electrocorticography: Direct Registration of Bioelectrical  
Brain Potentials."

CZECHOSLOVAKIA

KLAFETEK, J., MD.

Neurological Clinic of the Medical Faculty of PU (Neuro-  
logická klinika lékařské fakulty PU), Olomouc

Prague, Praktický lékař, No 17, 1963, pp 657-661

"Psycho-Motor or Temporal Epilepsy."

CZECHOSLOVAKIA

J. KLAPETEK, Neurology Clinic, Medical Faculty of Palacky University  
(Neurologická klinika Lékařské fakulty PU [Palackého Univerzity])  
Head (prednosta) Prof Dr J. HRÁBEK, DrSc, Olomouc.

"An Improved Paste for the Attachment of Electrodes."

Prague, Ceskoslovenska Neurologie, Vol 26(59), No 1, Jan 63; pp 12-17.

**Abstract** [English summary modified]: Author developed an improved bertonite paste containing tragacanth and an increased quantity of glycerine in addition to CaCl. Use in electroencephalography in his clinic for one year confirmed suitability in all respects; no artefacts as from motor restlessness. *Three EEGs; 4 US and 1 Czech reference.*

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CZECHOSLOVAKIA

J. KLAPETEK, Neurologic Clinic (Neurologická klinika) Head (prednosta)  
Prof Dr J. HRÁBEK, DrSc, of Medical Faculty of Palacky University  
(lékařské fakulty Palackého Univerzity) Olomouc.

"A Simple Analytical Record for Recording EEG Tracing Findings."

Prague, Ceskoslovenska Neurologie, Vol 26(59), No 3, May 63; pp 169-173.

**Abstract** [English summary modified]: Description of information retrieval system storing data on referred patients according to 91 direct classes and 5 holes for 10 age groups. The dictionary is standardized and based on analysis of 8000 EEG tracing records. The information is punched manually onto standard marginal-hole card for needle-shake retrieval. Photograph of both sides of filled-in card.

1/1

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KLAPETEK, J.

A new type of ruler for measuring electroencephalographic curves. Cesk. neurol. 27 no.1:111-14 Ja'64.

Filing EEG records. Technical observations. Ibid:15-16;

1. Neurologická klinika lékařské fakulty PU v Olomouci;  
prednosta prof. dr. J.Hrbek, DrSc.

KOLAR, O.; HUZICKOVA, R.; KLAPETEK, J.

Some problems in the diagnosis of subacute sclerosing leuko-  
encephalitis or subacute panencephalitis from the viewpoint  
of the psychiatrist. *Cesk. psychiat.* 10 no.2:107-113 Ap'64

1. Neurologická klinika a laborator pro výzkum vyšší nervové  
činnosti lékařské fakulty PU v Olomouci.

\*

KOLAR, O. ; Klapetek, J.

Data on the diagnostic significance and dynamics of the  
EEG picture in subacute sclerotising leukoencephalitis.  
Cesk. neurol. 27 no.3:184-189 My'64

1. Neurologická klinika lékařské fakulty PU ( Palackého  
university) v Olomouci; přednosta: prof. dr. J. Hrbek,  
DrSc.

KLAPETEK, J.

Five-year follow-up on patients surgically treated for temporal epilepsy. Cesk. neurol. 27 no.3:190-192 My'64

1. Neurologická klinika lékařské fakulty PU [Palackého university] v Olomouci; přednosta: prof. J.Hrbek, DrSc.

**KLAPETEK, J.**

Alteration of latent epileptic activity in the electroencephalogram with chlorpromazine. Cas. lek. cesk. 103 no.27:742-745  
26 Je '64

1. Neurologická klinika lékařské fakulty FV [Palackého university] v Olomouci; přednosta: prof. dr. J. Erbek, DrSc.

KLAPETEK, J., ZAPLETAL, B.; DVORAK, M.; FISER, Z.; VANA, V.

Activity of a developed epileptic seizure in the electroencephalogram. Cesk. neurol. 28 no.5:368-373 S '65.

1. Neurologická klinika lékařské fakulty Palackého University v Olomouci (prednosta prof. dr. J. Hrbek, DrSc.) a Neurologické oddelení fakultní nemocnice v Olomouci (vedoucí doc. dr. B. Zapletal, CSc.).

L 31438-66

ACC NR: AP6023191

SOURCE CODE: CZ/0082/65/028/005/0368/0373

AUTHOR: Klapátek, J.; Zapletal, B.; Dvůrak, M.; Fiser, Z.; Vana, V.

ORG: Neurological Clinic/headed by Dr. J. Hrbek, DrSc., Faculty of Medicine, FU, Olomouc (Neurologická klinika lékařské fakulty FU); Neurological Section/headed by Dr. B. Zapletal, Faculty Hospital, Olomouc (Neurologické oddělení fakultní nemocnice)

TITLE: Electrocorticographic recording of an epileptic attack

SOURCE: Československá neurologie, v. 26, no. 5, 1965, 368-373

TOPIC TAGS: diagnostic instrument, nervous system disease, pathogenesis, cerebral cortex, man

ABSTRACT: Detailed description of two patients, female aged 29 and male aged 28 with epileptic attacks, the first being a Jacksonian and the second brought about by stimulation of an epileptic focus. Electrocorticography is considered very valuable for diagnostic and etiologic classification. Orig. art. has: 4 figures. [Based on Eng. abstr.] [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 013

Card 14 JT

the great doses did not provoke epileptic activity, in 2 patients suffering from temporal epilepsy they provoked focal temporal spikes. The method is not suitable for the provocation of specific epileptic signs in the EFD. 2 Figures, 2 Tables, 16 Western, 2 Czech, 1 Cuban reference.

1/APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722930010

KLAJETEK, OLO

Control of investment constructions put in operation in the years 1960-1963. Sklar a keramik 14, no. 10:273-274, 289 0 '64.

I. Ministry of Consumer Goods Industry, Prague.

**AUTHORS:** Moshkin, P.A., Velizar'yeva, N.I., Rapoport, I.B.,  
Klapishevskaya, Z.B., Makhnenko, G.Kh., and Soskin, M.A.

**TITLE:** Paraffins from sulphurous crude oils as a raw material for  
the production of synthetic fatty acids. (Parafiny  
serinstykh neftey kak syr'ye dlya proizvodstva sintetichesk-  
ikh shirnykh kislot). 65-6-7/13

**PERIODICAL:** "Khimiya i Tekhnologiya Topлива i Masel" (Chemistry and  
Technology of Fuels and Lubricants) 1957, No.6, pp.41-47  
(USSR).

**ABSTRACT:** This investigation was carried out under the direction of  
Prof. L.G. Zhardeva and Candidates of Chem.Sc., E.V. Voznes-  
enskaya and A.A. Karaseva. The object of the work was to  
investigate the possibility of producing fatty acids suit-  
able for soap making by the oxidation of paraffin obtained  
from sulphurous crude oils (1.5-1.6% of sulphur). Data on  
the raw materials used are given in table 1. The experi-  
ments were carried out on a VNI-NP pilot plant (a column  
3000 mm high and 280 mm in diameter, the weight of the  
charge about 30 kg) which was used for the oxidation of  
paraffin from Drogobych crude. Samples of fresh paraffin  
and its mixtures with so called 1<sup>st</sup> and 11<sup>nd</sup> non-saponified  
products were oxidised. The process consisted of: low tem-  
perature oxidation (108-110 °C) in the presence of potassium

Card 1/3

Paraffins from sulphurous crude oils as a raw material for the production of synthetic fatty acids. (Cont.)  
 permanganate as a catalyst (0.2-0.3%) by air (120 l/kg/hr); washing of the oxidation products with water, saponification with NaOH; separation of unsaponified product I (unsaponified in an autoclave at 180-185 C and 9 atm), separation of unsaponified product II (thermal treatment at a high or low pressure:  $t = 320-350\text{ C}$ ,  $p = 120-130\text{ atm}$ , or  $t = 360-375\text{ C}$ ,  $p = 3-5\text{ atm}$ ) the decomposition of soaps with sulphuric acid, washing with water and distillation. Results of oxidation of paraffin from a distillate (370-500 C) from a mixture of sulphurous crudes are given in table 2; characteristics of fatty acids produced - table 3; yield of oxidation products - table 4; results of oxidation of paraffin at a higher temperature (125-107 C) - table 5. It was established that purified paraffin (containing up to 2% of oil and up to 0.1% of sulphur) produced from a distillate boiling at 370-500 C from a mixture of sulphurous crude oils is suitable for oxidation into synthetic fatty acids which can be used in soap making. Technical fatty acids produced leave up to 43-45% of residue on distillation which is about 24% of the starting material as against 15.5% for corresponding fatty acids from the Drogobych paraffin. The yield of the

Card 2/3

Paraffins from sulphurous crude oils as a raw material for the production of synthetic fatty acids. (Cont.)<sup>65-6-7/13</sup>  
 fraction of fatty acids suitable for soap making, i.e.,  $C_{10} - C_{20}$ , was 25-28% of the paraffin reacted as against 33.3% for the corresponding Drogobych paraffin. In order to increase the yield of the above acids the use of paraffin similar in composition to that obtained from Grosnyy crude oil is recommended. The oxidation should be carried out at 106-108 °C as under these conditions the formation of oxyacids is negligible (up to 1%). The temperature of distilling off unsaponified product II in an evaporator should be 360-375°. On oxidation of paraffin containing above 2% of oil, oxyacids are also formed, the yield of which increases with increasing oil content.

There are 5 tables.

ASSOCIATION: NNII NP.

AVAILABLE:

Card 3/3

VELIZAR'YEVA, N.I.; MOSHKIN, P.A.; PAPOPORT, I.B.; KLAPISHNEVSKAYA, Z.B.

Comparative data for obtaining synthetic fatty acids from  
paraffins of different fractional composition from sulfur-  
bearing crudes. Trudy VNIIP no.7:344-352 '58.

(MIRA 12:10)

(Paraffins) (Acids, Fatty)

KLAPKA, J.

"Putting Power Plants into operation." p. 4, Praha, Vol. 4, no. 1, Jan. 1954.

80: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

KLAPKA, F.

"Organising Initial Construction of Power Plants." p. 40. Praha. Vol. 4, no. 1, Jan. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

Country	: Czechoslovakia	H-23
Category	:	
Abs. Jour.	:	40129
Author	: <u>Klapka, F.</u>	
Institut.	: <u>Not given</u>	
Title	: Operating Difficulties Connected with the Emulsification of Turbine Oils	
Orig Pub.	: Energetika (Czechoslovakia), 8, No 5, 200 (1958)	
Abstract	<p>The author notes that the W/O emulsions formed when steam penetrates into the packings of turbines (T) bearings have a very unfavorable effect on the operation of the T and may cause their outage.</p> <p style="text-align: right;">F. Satunovskiy</p>	

Card: 1/1

KLAPKA, J.

New method for sorting and wrapping eggs. p. 208. (Prumysl Potravin, Vol. 8, No. 4, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957, Uncl.

*KLAPKA, J.*

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and  
Application, Part 3. - Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 48590  
Author : Jan Klapka  
Inst :                       
Title : New Technique of Fowl Processing.  
Orig Pub : Prumysl potravin, 1957, 8, No 11, 605-606  
Abstract : Equipment for Fowl processing of an output of 500 to  
5000 kg per hour is described. Drawings and brief des-  
cription of separate machines and the arrangement of  
equipment for wholesale slaughtering, automatic pluc-  
king, dressing, disemboweling and packing are presented.

Card 1/1

20

KLAPKA, J.

TECHNOLOGY

periodicals: PRUMYSL POTRAVIN Vol. 9, no. 10, Oct. 1958

KLAPKA, J. Packing methods for food sold in self-service stores and snack bars. p. 550.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5  
May 1959, Unclass.

KLAPKA, Jan

New foreign closing technique for leather and textile products.  
Kozarstvi, 13 no. 4:125 Ap '63.

KLAPKA, J.

KLAPKA, J. The possibility of using television for industrial purposes  
in construction. p. 538 Vol 4, no. 11, Nov. 1956  
INZENYRSKE STAVEBY. (Ministerstvo stavebnictvi)  
Praha, Czechoslovakia

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

KLAPPA, J.

KLAPPA, J. How to use television technique in the glass and ceramic industries. 298.

Vol. 6, No. 12, Dec. 1956.

SKLAR A KERAMIK.

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

KLAPKA, J.

KLAPKA, J. Television in regard to water management. p. 277

Vol. 35, no. 10, Oct. 1956

VODNI HOSPODARSTVI

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

KLAPKA, J.

KLAPKA, J. Possibilities of utilizing television technique in industry and in higher education p. 46. The coleopter, the most versatile means of air transport for shorter distances. Tr. from the German. p. 47.

Vol. 2, No. 2, Feb. 1957  
NOVA TECHNICAL  
TECHNICAL  
Czechoslovakia

So. East European Accessions, Vol. 6, No. 5, May 1957

KLAPKA, J.

Equipment for the remote control of industrial television cameras. p. 274.  
(NOVA TECHNIKA, Vol. 2, No. 9, Sept 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (REAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

KLAFKA, J.

KLAFKA, J.

Application of the television technique in the chemical industry.

P. 24 (Chemický Průmysl) Vol 7, No. 1, Jan. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7 , NO. 1, JAN. 1958

KLAPKA, J.

Use of industrial television in power plants.

P. 293, (Energetika) Vol. 7, no. 5, May 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (KEAI) Vol. 6, No. 11 November 1957

9.1300

AUTHOR:

TITLE:

PERIODICAL:

Klapka, Jindřich

Theory of propagation for transient phenomena in wave guides

Aplikace matematiky, v. 6, no. 5, 1961, 339-356

TEXT: This paper investigates the propagation of transients in waveguides, from the passage of the wavefront to the steady, monochromatic, state. The first part of the paper gives a general introduction to the problem, evaluates and compares the known methods for the investigation, and the results obtained for the case of the ideal waveguide (no losses). The electromagnetic field in such a perfect waveguide is determined by the functions

$$g(z, t) = \frac{1}{2\pi i} \int \frac{1}{\sqrt{\omega^2 - \omega_1^2}} e^{-kz - (t/\tau) \cdot \sqrt{\omega^2 - \omega_1^2}} \frac{d\omega}{\omega - (\omega_0 - i\epsilon)}, \quad (11)$$

and

$$h(z, t) = \frac{1}{2\pi i} \int \frac{1}{\sqrt{\omega^2 - \omega_1^2}} e^{-kz - (t/\tau) \cdot \sqrt{\omega^2 - \omega_1^2}} \frac{d\omega}{\omega - \omega_0}. \quad (12)$$

Card 1/5



27827

Theory of propagation...

Z/026/61/006/005/002/003  
D236/D302

$$S(z, t) \approx \left[ K(t - t_0) - \frac{1}{\sqrt{x}} \operatorname{erfc}(ib \sqrt{t}) \right] e^{-\gamma t}, \quad (26)$$

where

$$\operatorname{erfc}(x) = \int_x^\infty e^{-y^2} dy, \quad (26a)$$

$$b = \sqrt{1[-\omega_0 + \beta \sqrt{\omega_0^2 - \omega_1^2} + \omega_1 \sqrt{1 - \beta^2}]}. \quad (26b)$$

are compared with the approximate results obtained by R. Gajewski (Ref. 7: Acta Physica Polonica, 16, (1957) 3-24) shown in

$$f(z, t) \approx I_1 + I_2 + K(t - t_0) e^{-K\omega_0 t - (1/t) \cdot \sqrt{\omega_0^2 - \omega_1^2}}, \quad (19)$$

where

$$I_1 = \pm \frac{1}{\sqrt{2}} e^{-K\omega_0 t + (a/2)t^2 + (a/4)t} \int_0^\infty e^{K(a/2)y^2} dy \quad (20)$$

Card 3/5

27827

Theory of propagation...

Z/026/61/006/005/002/003  
D236/D302

It is shown that under certain conditions, and making certain assumptions Karbowiak's results are approximations of Gajewski's. In the second part of the paper new formulae

$$f(z,t) = I_1 [1 + A] + \{ (t - t_0) e^{-i[\omega_0 t - (z/c) \cdot \sqrt{\omega_0^2 - 1^2}] + B} \quad (61)$$

$$A = zR(1 - 1) \cdot \frac{\sqrt{1 - \beta^2}}{\omega_1 \beta} = \frac{c}{\omega_1^2} \eta R(1 - 1), \quad (62)$$

and

$$B = zR(1 - 1) \cdot \frac{1}{\sqrt{\omega_0^2 - \omega_1^2}}, \quad (63)$$

are introduced, describing the functions for waveguides with small losses. The main advantage of the new formulae is that they represent the propagation of waves as the superposition of two components, the first of which shows the propagation of the waves when there are no losses; however, all other conditions remain unchanged, and the second component varies with the losses. There are 20 ref-

Card 4/5

27827

Theory of propagation...

Z/026/61/006/005/002/003  
U236/D302

ferences: 8 Soviet-bloc and 12 non-Soviet-bloc. The four most recent references to English-language publications read as follows: J.D. Pearson: The Quarterly Journal of Mechanics and Applied Mathematics, vol. 6, part 3, 1953, 313-335; W.Z. Chien, L. Infield, J.R. Pounder, A.F. Stevenson, J.R. Synge: Canadian Journal of Research, vol. 27, sec. A, 1949, 69-129; B.L. Van der Waerden: Applied Scientific Research B2, 1951-52, 33-45; A.E. Karbowiak: The Proceedings of the Institution of Electrical Engineers, part B, vol. 102, no. 5, 1955, 698-708.

SUBMITTED: November 7, 1960

Card 5/5

KLAPKA, Jindrich

Assembler for Czechoslovak Elb automatic computer. Stroj na zprac  
inf 10:219-230 164.

1. Research and Development of Mathematical Machines, Zavody Jana  
Svermy National Enterprise, Brno.

KLAPKA, JIRI

Klapka, Jiri. Deskriptivni geometrie pro smer stavebni, zememernicky a architekturu.  
(Vyd. 1.) Praha, Statni pedagogicke nakl., 1952. (Ucebni texty vysokych skol)  
(Descriptive geometry for civil engineers, geodesists, and architects. Vol. 1. diags.)

So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

AUTHOR: Klapka, Vladimír, Engineer CZECH/34-59-9-12/22  
TITLE: Investigation of Electrochemical Processes on a Strip  
[Surface Treatment] Line

PERIODICAL: Hutnické listy, 1959, Nr 9, pp 800-802

ABSTRACT: The conditions are discussed which must be fulfilled in models in order to simulate the phenomena occurring in strips which run continuously through electrolytes. It is emphasized that the individual factors to be investigated must be carefully chosen and that unsuitable selection of the factors to be analysed can lead to erroneous results, as was the case with Agar and Hoare (Ref 1) who investigated the similarity of the voltage in a large and a small galvanic bath without taking into consideration phenomena taking place on the electrodes (see Forsblum and Mashovets, Ref 2). The author of this paper considers the similarity of the electrode potentials, the polarization, the hydrodynamic similarity, the electric charge and the geometric similarity. To maintain similarity in both cases it is necessary to expose an equal material in an equal solution at an equal temperature Card 1/3 for an equal time  $t$ , maintaining an equal difference in

CZECH/34-59-9-12/22

Investigation of Electrochemical Processes on a Strip  
 [Surface Treatment] Line

speed between the electrode and the electrolyte  $u$  at the current density  $i$ . Maintenance of the current density and of a given composition as well as maintaining a similarity in the surface quality will not present difficulties. The only problem is the speed of the strip and it is in this respect that the conditions of similarity could not be maintained; the fast movement of the strip in a relative still electrode can be substituted by a fast moving electrolyte along a relatively stationary or very slowly moving strip. By doing this it is possible to reduce the size of the model both in length and width. It is emphasized that, although such model equipment has its limitations and is not universal, it enables trying out such complicated technology as electrolytic tinning.

Note: Engineer Korecky points out that the conclusions of the author are interesting. However, if the problem of surface treatment of strips is considered as a whole, the answer to certain important questions will only be obtained by ✓

Card 2/3

Investigation of Electrochemical Processes on a Strip  
[Surface Treatment] Line

CZECH/34-59-9-12/22

building a complete continuous experimental line.  
There are 1 table and 4 references, 3 of which are  
Soviet and 1 English.

ASSOCIATION: Státní výzkumný ústav ochrany materiálu, Praha  
(State Research Institute for Protection of Materials)

Card 3/3

KLAPKA, V., ins.

Experimental surface finish line. Podn org 18 no. 3;  
137 Mr '64.

1. G. V. Akimov State Research Institute of Material Protection.

L 16044-65 ASD(a)-5/AFETR/AFTC(b)/ESD(dp)

ACCESSION NR: AT4046495

Z/2503/64/000/010/0219/0230

AUTHOR: Klapka, J. (Klapka, Y.)

TITLE: Assembler for the Czechoslovak Elb automatic computer *B+1*

SOURCE: Ceskoslovenska akademie ved. Vyzkumny ustav matematickych stroju.  
Stroje na zpracovani informaci, no. 10, 1964, 219-230

TOPIC TAGS: automatic programming, Czechoslovak Elb computer, compiling routine

ABSTRACT: The article describes the algorithm and the performance of the assembler intended for the Elb computer which was designed at the Research Institute of Mathematical Machines in Prague. Detailed specifications for the computer which served as a basis for the design of the assembler are given. This assembler makes it possible to select, store, and modify (address parts of words) any subroutine from certain blocks of subroutines, providing that all these blocks are located in the proper sequence on the tape. No block can contain more than 79 subroutines. The assembler can be used as: a) a subroutine for the input and the modification of the blocks controlled by the main routine; or b) an independent routine for the input and the modification of blocks on the basis of data entered into the memory from the control panel. The inputs and outputs of the assembler are described for both versions. A flow chart of the assembler algorithm is presented in a modified Card 1/2

L 1600-65

ACCESSION NR: AT4046495

ALGOL language.

ASSOCIATION: Research and Development of Mathematical Machines ZJS, Brno

SUBMITTED: 05Apr63

ENCL: 00

SUB CODE: DP

NO REF SOV: 000

OTHER: 004

Card 2/2

KLAPKOWSKI, P.

Changes in skeletal muscles in mice exposed to prolonged vitamin B  
deficient diet. Pol. morph., Wars. 3 no.3:237-246 July-Sept 1952.  
(CML 23:4)

1. Of the Institute of Topographic Anatomy (Head--Prof. Tadeusz Rogalski,  
M. D.) of Krakow Medical Academy.

KLAPKOWSKI, Franciszek

Calcareous granules in the encephalon of golden hamster *Mesocricetus auratus*. *Folia biol* 7 no.4:321-328 '59. (EBAI 9:9)

1. Department of Descriptive and Topographical Anatomy, Medical Academy, Krakow.

(HAMSTERS)

(CALCIUM)

(MESOCRICETUS AURATUS)

KLAFKOWSKI, T.

2

7344

834.33+834.781:661.6/8

Klaskowski T. Planning and Equipment of Warehouses in Fruit Processing Enterprises.

Rozplanowanie i urządzenie magazynów w zakładach przemysłu owocowego (Prace Inst. Ekon. i Organ. Przem. No. 5(14)). Warszawa, 1953, PWT, 20 pp, 6 tabs.

The article contains an analysis of the requirements with which warehouses in fruit processing factories should comply, together with two projects for the lay-out of factories — one for a scattered and one for a compact building system — with detailed computations of surface area, cubic capacity and equipment of all warehouses and storages necessary for the operation of such factories, taking into consideration their full output capacity. The author gives due consideration in these projects to the harmonious co-operation of all factory departments working on a so-called „systematic flow” principle. He also outlines the course for indoor transportation systems, provides for railway siding and plans the layout of individual factory premises to form one functionally compact unit.

Polish Technical Abst.  
No. 1 1954  
Technics and Economics

LEVITOV, M.M.; KLAPOVSKAYA, K.I.; YUDINA, O.D.

Formation of penicillin nucleus during fermentation and its conversion to penicillin. Antibiotiki 4 no.6:18-24 N-D '59.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov. (MIRA 13:3)  
(PENICILLIN chem.)

LEVITOV, M. M.; KLEYNER, G. I.; GOTOVTSOVA, V. A.; ZAVILEYKAYA, G. F.; IOFO, N. I.;  
KLAPOVSKAYA, K. I.; YUDINA, O. D.

"Penicillinacylase production by escherichia coli in relation to cultivation conditions."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

All-Union Sci Res Inst of Antibiotics, Moscow & Plant for Production of Medicinal Products, Riga.

KLEYNER, G. I.; LEVITOV, M. M.; KLAPOVSKAYA, K. I.; ZAVILEYSKAYA, G. F.; YUDINA, O. D.;  
DENDZE, B. B.

"Investigation of the process of fermentative cleavage of penicillin."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

All-Union Sci Res Inst Antibiotics, Moscow & Plant for Production of Medical  
Products, Riga.

KLAPOVSKAYA, K. I., LEVITOV, M. M., OTOVTSEVA, V. A., YUDINA, O. M.,  
and VERKHOVIZEVA, T. P. (USSR)

"The Biosynthesis of Penicillins and Penicillin-like Substances in  
fermentation without a precursor."

Report presented at the 5th International Biochemistry Congress,  
Moscow, 10-16 Aug 1961

**KLAPOVSKAYA, L.I.**

Distribution of lead-zinc mineralization in certain ore deposits  
of the central Kara-Tau (southern Kazakhstan) [with summary in  
English]. Sov.geol. 1 no.9:58-77 S '58. (MIRA 12:2)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidse.  
(Kara-Tau--Lead ores) (Kara-Tau--Zinc ores)

L 27788-65 EWT(m)/EPA(s)-2/EWT(s)/EWT(j) 72-1/72-1/72-10 8/0191/65/000/002/0013/0017  
ACCESSION NR: AF3004309

AUTHOR: Lavantovskaya, I. I.; Kovarskaya, B. M.; Novoselova, I. A.; Berlin, A. A.;  
Bass, S. I.; Klapovskaya, O. A.; Gracheva, B. S.; Andrianova, N. V.

TITLE: Stabilisation of polyethylene terephthalate

SOURCE: Plasticheskiye massy, no. 2, 1965, 15-17

TOPIC TAGS: polymer stabilisation, polyethylene terephthalate, polymer heat stability, polymer film, dielectric property, film strength, activated anthracene, polyester

ABSTRACT: The thermal stability of polyethylene terephthalate was determined in the presence and absence of thermally activated anthracene to study the effect of this stabilizer on the mechanical and dielectric properties of polyethylene terephthalate films. The thermal decomposition of polyester crumb, indicated by the increase in gas pressure, was determined at 2600 and was found to increase with initial oxygen pressure in the absence of stabilizer. Thermally activated anthracene was prepared by heating in an inert atmosphere to 4500 for 1 hour. In 0.1% concentration, the stabilizer markedly decreased the initial decomposition rate; 1% additions were more effective than non-activated anthracene and decreased the

Card 1/2

L 27788-65

ACCESSION NR: AP5004309

2  
gas generation at 260C and 450 mm Hg oxygen pressure to about one fourth of the values measured with non-stabilized polymer. A similar but lesser effect was observed at 260C in a helium atmosphere. Films prepared with 0.1% activated anthracene showed improved tensile strength, both longitudinal and crosswise, an increase in specific electrical resistance and a slight decrease in dielectric loss angle. In 0.1% concentration the additive also had a significant effect on aging of films at 150C for up to 30 days. After this period, stabilized films exhibited good tensile strength, whereas the strength of non-stabilized films was reduced to a fraction of the initial value. The improved inhibitor activity of thermally treated anthracene can be related to the formation of paramagnetic particles and the polarization of molecules, as indicated by published studies. Activated anthracene is recommended as an additive for producing oriented films of polyethylene terephthalate. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: None

SUBMITTED: 00

NO REF SOV: 011

ENCL: 00

OTHER: 001

SUB CODE: 00

Card 2/2

LEVANTOVSKAYA, I.I.; KOVARSKAYA, B.M.; NOVOSILOVA, I.A.; BURLIN, A.A.;  
BASS, S.I.; KLAPOVSKAYA, O.A.; GRACHEVA, B.S.; ANDRIANOVA, N.V.

Stabilization of polyethylene terephthalate. Plast. massy no.2s15-17  
'65. (MIRA 18s7)

1.22710-66 INT(3)/INT(4)/T NM  
 ACC NR. AP6006359 (A) SOURCE CODE: UR/0413/66/000/002/0094/0094  
 AUTHOR: Rubtsova, I. K.; Kirilovich, V. I.; Andrianova, N. V.;  
 Klapovskaya, O. A.; Zhigadlo, O. I. 37  
 ORG: none B  
 TITLE: Stabilization of polyethylene terephthalate. Class 39,  
 No. 178103 (announced by the Scientific Research Institute of Plastics  
 (Nauchno-issledovatel'skiy institut plasticheskikh mass))  
 SOURCE: Izobrateniya, promyshlennyye obrasty; tovarnyye znaki, no. 2,  
 1966, 94  
 TOPIC TAGS: polyethylene terephthalate, polymer, chemical  
 stability  
 ABSTRACT: The Author Certificate describes a method for stabilizing  
 polyethylene terephthalate with polyphosphites. To increase the number  
 of types of phosphorus containing polymer stabilizers, a middle poly-  
 phosphite, such as polydiphenylpropanophosphite, is proposed for use  
 as a decyanoethylated diamine. [LD]  
 UDC: 678.674'524'420  
 678.021.122  
 SUB CODE: 11, 07/ SUBM DATE: 30Jul64  
 Card 1/1 10

KLAPOVSKIY, V.

Struggle for quality of production and the bonus system at the  
"Udarnitsa" Factory. Sots.trud 7 no.1:111-115 Ja '62.  
(MIRA 15:4)

1. Direktor konditerskoy fabрики "Udarnitsa".  
(Moscow—Wages—Confectioners) (Bonus system)

KLAPOVSKIY, V.I.

Moscow confectionery manufacturing plant "Udarnitsa." Khleb.i  
kond.prom. 1 no.10:25-26 O '57. (MIRA 10:11)  
(Moscow--Confectionery)

MOSINETS, V.N.; PODOYNITSIN, Ye.M.; KLAPOVSKIY, V.Ye.

Main prerequisites for the creation of a working classification  
of Berdu deposit rocks. Izv. AN Kir. SSR. Ser. est. i tekhn.  
nauk 2 no.8:23-38 '60. (MIRA 13:12)  
(Berdu region--Rocks)

BARANOV, Ye.G., kand.tekhn.nauk; MOSINETS, V.N.; PODOBNITSYN, Ye.M.,  
gornyy inzhener; KLAPOVSKIY, V.Ye., gornyy inzhener

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